



## PATENT ABSTRACTS OF JAPAN

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(21) Application number: **08262349**(22) Date of filing: **12.09.1996**(71) Applicant: **SONY CORP**(72) Inventor: **OTSUKA GAKUSHI****(54) RECORDING MEDIUM AS WELL AS METHOD AND APPARATUS FOR RECORDING OR REPRODUCING**

(57) Abstract:

**PROBLEM TO BE SOLVED:** To obtain a method and an apparatus whose error correction capability is enhanced efficiently by a method wherein, when a region to be accessed is controlled as a reproduction-only region, only a reproducing operation is executed and error correction information is used in a reproducing operation to the region to be accessed.

**SOLUTION:** In a byte which is recorded as a byte 6 to a byte 21 in a DDS inside a defect management area DMA, a band in which a value 11b or a value 21b is recorded is physically a rewritable region ARM. However, it is regarded as a write-protected reproduction-only band in terms of software. Especially in the case of the value 21b, a second ECC is added. In this man-

ner, a RAM disk is used as a partial RAM disk, a high-capability error correction processing operation is executed in the reproducing operation of a band 8 to a band 15, and an error correction capability can be enhanced efficiently.

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